

662	RESTROOM OR BATHROOM SELF- CLEANING SYSTEMS	329	.Low profile tank and bowl
663	FLUSH CLOSET, WASH RECEPTACLE, AND BATHTUB OR SHOWER	330	..Seat actuated flush
664	FLUSH CLOSET OR URINAL AND WASH RECEPTACLE	331	..Float-controlled valve
665	.Wash receptacle water empties into toilet facility	332	..Pressure flush
666	DIAPER WASHING DEVICES	333	.Normally empty tank
667	FLUSH CLOSET SEAT ASSIST TO RAISE USER	334	..Pressure tank
300	FLUSH CLOSET	335	...With seat-actuated valve
300.1	.With toilet tissue holder	336	....And siphon bowl
300.2	.With bedpan rinser	337	....And drain means
300.3	.With splash guard or water baffle	338	..With seat-actuated valve
301	.Urinals only	339	...And drain means
302	..Flush actuation automatically responsive to condition	340	.Plural receptacles
303	...Periodic flush	341	..Diverse
304	...By radiant energy responsive means	342	..Separate and distinct
305	...By electric condition responsive means	343	.Overhead tank with bowl
306	..Ventilated, i.e., noxious fume removal	344	..Siphon bowl
307	..Folding type	345	.Plural flush, preliminary or subsequent
308	..Pedal actuated flush	346	..Including plural compartments in tank
309	..With disinfectant means	347	.Ventilated, i.e., noxious fume removal
310	..Vertical type	348	..Bowl
311	..Bowl type	349	...Unitary with flush supply to bowl
312	.Folding type	350	...Unitary with discharge from bowl
313	.With automatic flush responsive means	351	....Trap or siphon
314	.With indicator	352	...Annular ventilator
315	.With disposable container	353	.Tank only
316	.Reduced gravity environment type	354	..Pressure tank
317	.With recirculating means	355	...Float-released outlet valve
318	..Including specified filtering means	356	...Float outlet valve
319	.With macerator	357	....Free floating
320	..Including additional treatment	358	.....With guide (e.g., a cage)
321	.With holding tank	359	...Valve held open by flow
322	..And heater	360	...Dashpot-controlled outlet valve
323	..And valve for emptying	361	...Pneumatic or hydraulic adjustability
324	.Manual selection of the amount of flush	362	...By air under pressure
325	..Alternate unicyclic flush	363	..With plural compartments
326	...Plural flush valves	364	...Single tank with divider
327	....In axial alignment	365	...Pivotal compartment
328	.Tank and bowl with plural connections, one being pneumatic	366	..With simultaneous common actuating means for supply and outlet valves
		367	...By fluid or electrical means
		368	..With outlet siphon
		369	...Including means to relieve trapped air
		370	....By releasing trapped air

371	...By raising trapped air housing	409	....With overhead tank
372	...Including means to immerse siphon	410	....Button type
373	...Pump starter	411	....Portion of linkage external to tank
374	...Jet starter	412	....Including flexible linkage element in tank(e.g., chain or cord)
375	...Including means to raise liquid level	413	....Including articulated rigid linkage
376	...Valve starter	414	....Having stationary pivot within tank
377	...By moving siphon	415	..Water saver
378	..With outlet valve	416	..With lining
379	...With delay of valve closing	417	..With connector or seal
380	....By pressure or suction control of valve	418	...Enclosure or housing for connector or seal
381	....By float releasable latch	419	..With support
382	.....Tiltable or pivoted valve body	420	..Bowl
383	.....With overflow through valve closure	420.1	..With body-contacting nozzle
384	.....Latched actuator	420.2	..With heated bidet fluid
385	...By varying weight releasable latch	420.3	..With bidet basin
386	...By shifting weight	420.4	..With bidet nozzle
387	...By flow-responsive element in valve outlet	420.5	...Integral with flush closet
388	...By retarding mechanism, e.g., dashpot	421	..Siphon discharge
389	.....With overflow through valve closure	422	..With flush valve
390	...With overflow through valve closure	423	....With vacuum breaker
391	...Float connected or float type valve	424	...Extra trap or false trap
392	...Swinging	425	...Siphonic jet at trap
393	...Pivoted	426	...With check valve
394	...Connected to float	427	...Overflow inhibitor
395	...Float type	428	...Configured outlet
396	....Free floating during flush	429	...Pan bowl
397	....Having seating guide	430	...Distinct from bowl
398	.....Cage type	431	..Pump or suction-type discharge
399	.....Valve moves relative to guide through bottom of valve	432	...With flush supply pump
400	.....Valve-attached seating element enters discharge pipe	433	....Unitary with discharge pump
401	.....Plural static guides		
402	...Having liquid receptacle open upwardly		
403	...Hollow		
404	.....Open at bottom		
405	...Actuator		
406	....Electrical		
407	....Pneumatic or hydraulic		
408	....Seat actuated		

	<u>FOREIGN ART COLLECTIONS</u>		
	FOR	CLASS-RELATED FOREIGN DOCUMENTS	
	434	..Valved discharge	
	435	...With flush supply actuated by valved discharge	
	436	....By movement of seat or lid	
	437	....Float control of fluid in bowl	
	438	....Pivoted valve	
	439	.....With additional valve (e.g., draft control)	
	440	.....Pan type	
	441	...Pivoted valve	

442	....Pan type	144.2	..Disposable, entirely or a portion
443	BIDETS	144.3	..Contacting and conforming to anatomy
444	..With seat	144.4	..Spout only
445	..Bidet basin for flush closet	487	OPEN-WATER BARRIER
446	..Bidet bowl with drain	488	POOL TYPE
447	..Nozzle with seat	489	..Plural separate receptacles
448	..Nozzle attachment	490	..With cleaning means
449	DRY CLOSETS	491	..With wave-making means
111.1	..With heating means	492	..With water-jet means
111.2	..And cyclic control means	493	..With heating means
111.3	...Having seat actuator or interlock	494	..Combined or convertible
111.4	..Fluid fuel burner	495	..Adjustable bottom
111.5	..Electric	496	..Accessory
111.6	..And separate drying zone	497	..Wave quelling
450	..Bedpans	498	..Covering
451	..Disposable type	499	...Air inflatable or supported
452	..With liner	500	...Including storage area
453	..With deodorizing means	501	....On pool bottom
454	..With urinal	502	....On a roll
455	..With drain means	503	...Including securing means
456	..Cushioned	504	..Safety means
457	..Accessories	505	..Divider
458	..Automobile	506	..Construction details
114.1	..Urinal	507	..Including water inlet or outlet means
459	..Chemical	508	...And water level control
460	..Field	509	...And pump
461	..Plural	510	...Gutter
462	..With urinal	511	....With handhold (e.g., life rail)
463	..Separate receiver	512	....Including weir
464	..With magazine	513	..Shape
465	..Furniture type	514	CONVERTIBLE CLASS-TYPE APPARATUS
466	..Valved bowl	515	HAIR WASHING MACHINE OR DEVICE OR ACCESSORY
467	..Movable receiver	516	..Portable
468	..Seat operated	517	..Combined
469	..Lid or covering operated	518	..With water supply means
470	..In lid	519	..Head or neck receiving or supporting sink
471	..Valved bowl	520	..Shield or drain
472	..Ventilated	521	..Supported by body
473	..Seat, lid or covering operated	522	..With post-type support
474	..Vault type	523	..Body-portion rest
475	..Ventilated	524	VAPOR OR HEAT IN BATH (E.G., SAUNA, STEAM BATH, OR SUDATORIUM)
476	..Enclosed receptacle type	525	..With additional means for washing
477	..Ventilated	526	..Collapsible
478	..With arm or back support	527	..Flexible fabric supported by a folding frame
479	..Receptacle type		
480	..Invalid		
481	..Muffler for liquid		
482	..Ventilated		
483	..With seat		
484	..Flexible material		
485	..Seat subclosure		
486	..Seat or lid operated		
144.1	..Urinal		

528	..With body support means	570	...Mounted on support external to tub
529	...Bed type	571.1	..Support for user, static
530	....With head or back rest	572.1	...For infant
531	...Seat	573.1	...Body type
532	....Fixed	574.1	....Foot
533	.Conversion means	575.1	....Head or back
534	..Flexible covering	576.1	....Hand grip
535	MEANS FOR APPLYING VAPOR OR HOT AIR DIRECTLY TO BODY OF USER	577.1	.....Mounted on tub, only
536	..With means for covering a majority of the user's body	578.1	....Seat
537	..To the head or face	579	.....Supported by tub, only
538	TUBS	580	..Protective liner or covering
539	..Plural tubs (i.e., all for bathing)	581	...Mat type
540	..With means for turning tub for aiding access	582	....With antislip means
541.1	..Means for agitating or circulating water in a tub	583	.....In contact with tub bottom
541.2	..With condition response	584	..Particular construction or configuration details
541.3	..By liquid flow	585	..Flexible material (e.g., collapsible, etc.)
541.4	...And aerating	586	...For infant
541.5	..By aerating	587	....Supported by folding frame
541.6	..Jet detail	588	....Inflatable
545	..With heating of tub structure	589	..With integral body support
546	..Combined with diverse means	590	...Seat
547	..Couch or bed	591	..Rim supply
548	..Storage or support means	592	..Support structure
549	...Cabinet	593	...For strengthening bottom or side
550	....Pivoted tub	594	...Legs
551	...Dressing table	595	..Means for securing tub in place
552	..A complete and separate shower	596	SHOWER (E.G. STALL, WITH WALLS, RECEPTOR, AND SPRAY)
553	..Basin or sink	597	..Combined with diverse means
554	...Relatively movable tub or basin	598	..With heating means
555	..With user access means in side of the tub	599	..Collapsible or expandable
556	..Pivoted door	600	..Wall type
557	..With movable closure	601	..Plural spray heads
558	..Flexible type	602	..With self-contained water supply
559	.Convenience accessories	603	..And pump
560.1	..Means for handling user	604	..With special feature for physically handicapped
561.1	...Vertically and horizontally	605	..Convenience accessories
562.1	....Horizontal movement is pivotal	606	..Scrubber
563.1	.....Hydraulically operated	607	..Movable closure
564.1	...Vertically, only (e.g., lifts)	608	...Flexible type
565.1	....Supported by tub	609	..Shield or guard means
566.1	.....Hydraulically operated	610	..Mounting or supporting means for movable closure
567	..Means for spraying user	611	..Support for user
568	...Located inside of the tub	612	..Particular construction
569	....Conduit having rectilinearly spaced spray holes	613	..Of receptor
		614	..Wall or panel
		615	MEANS FOR SPRAYING USER
		616	..With self-contained water supply

617	..Overhead-gravity feed	661	MISCELLANEOUS
618	..Supported by neck or shoulder of user	668	HAVING CONDITION RESPONSIVE SUPPLY OUTLET, DRAIN, OVERFLOW OR TRAP FOR A SINK OR BATH
619	WASH RECEPTACLES	669	..Float actuated
620	..Emergency fountains	670	PREFABRICATED (E.G., MODULAR) PLUMBING SYSTEM
621	..With human body support	671	SUPPLY OUTLET COMBINED WITH A DRAIN, OVERFLOW OR TRAP FOR A SINK OR BATH
622	..Foot	672	..Supply outlet valve linked to a drain, overflow or trap valve
623	..With proximity operated valve	673	..Supply outlet and drain
624	..Wash fountain	674	..And overflow
625	..With water supply or waste-water tank	675	SUPPLY OUTLET FOR A SINK OR BATH
626	..And water control	676	..Mixing faucet
627	..Having pivoted receptacle	677	..Having only one actuating means
628	..With cleaning brush, soap dispenser or holder	678	..Faucet or spout
629	..With garbage receptor or tableware extractor	679	DRAIN, OVERFLOW OR TRAP FOR A SINK OR BATH
630	..With cabinet, shelf, or drawer	680	..Drain and overflow
631	..With work surface	681	..And trap
632	..Sink rim rests on work-surface recess below top surface	682	..With valve
633	..Sink rim clamped to work-surface top by clamp means partly on sink	683	...Ell having fluid communication with the drain and overflow openings of a sink or bath
634	..Sink rim clamped to work surface	684	....Pop-up drain valve
635	..Sink rim joined to work surface by molding frame	685	.....Contacted by a rotating member
636	...Molding frame T-shaped	686	...Standpipe overflow
637	..Drainboard	687	...Bi-transit for drain of sink or bath
638	..Combined	688	..Drain valve
639	..Plural receptacles	689	..Pop-up
640	..With drain	690	...Contacted by rotating member
641	...Nested	691	....Lever
642	...Dissimilar	692	.....Having at least a semi-spherical fulcrum
643	..With support	693	..Operating means in sink or bath
644	..Pivoted	694	..Overflow opening attachment
645	..Vertically adjustable	695	SUPPORT OR MOUNT FOR A SUPPLY, DRAIN, OVERFLOW OR TRAP MEANS
646	..Post	696	FITTING OR MANIFOLD FOR A SINK OR BATH
647	..Hanger	209 R	VENTILATION
648	..Bracket	210	..Railway car
649	..Clamp	211	..House plumbing
650	..With drain	213	..Electric-motor pump
651	..And overflow	214	..Water-motor pump
652	..And strainer	215	..Water-jet pump
653	..And water handling	216	..Bowl structure or vent valve
654	..Attachments	217	..Seat structure
655	..Disposable receptacle liner	218	..Roof outlet
656	..Drainboard, rack, or tray	219	..Sewer
657	..Receptacle or receptacle content protective device		
658	..Receptacle splash or drip guard		
659	..Infant bathing support		
660	..Rim frames		

220	..Disinfecting	246.1	OPENER OR CLOSER FOR A CLOSET SEAT OR LID
221	..Burner	246.2	.Fluid mechanism
209 FF	.With fluid filter	246.3	.Lever operated opener
222	DISINFECTION	246.4	..Four bar link
222.1	.With screen	246.5	...Using a seat or lid for a link
223	.Dispensing to bowl	248	BUFFERS AND DASHPOTS
224	..Combined with flusher	249	FLUSH-VALVE OPERATORS
225.1	.Dispensing to overflow of flush tank	250	.Seat operated
226.1	.Dispensing to or dispenser in flush pipe	251.1	DRIP CATCHER
227.1	.Dispensing to water in flush tank	251.2	.For flush closet tank only
227.2	..Float actuated	252.1	FLUSH CLOSET BOWL SUPPORT, COUPLING, SEAL OR FASTENER
227.3	...Valve	252.2	.Support for a wall hung closet bowl
227.4	..Water level actuated	252.3	..Adjustable
227.5	...Static dispenser (i.e., no moving part)	252.4	.Flange with aperture for fastener
227.6	....Having a flush water dosing chamber	252.5	..Having a seal
227.7	.....With a siphon	252.6	.Seal structure detail
228.1	.Dispensing to air from closet	253	CLOSET-BOWL CLOSURES
229	.Chemical holder in seat	254	CLOSET HEAD, FOOT, AND BODY RESTS
230	.Chemical holder in lid	255.01	OBSTRUCTION REMOVER
231	.Chemical holder suspended in bowl	255.02	.Piston
232	.Chemical chamber formed in bowl	255.03	..With one way valve
233	.Seat and cover treating	255.04	.Connected to a source of external fluid under pressure
234	SEAT AND LID	255.05	..With force cup (e.g., a plunger)
235	.Plural seats	255.06	..With flow control valve
236	.Hinges	255.07	..With means to block or clear the overflow
237	SEAT	255.08	..With head structure that grips drain opening or pipe
238	.Subclosure, seat operated	255.09	..With head structure that increases velocity or turbulence
239	.Superposed	255.11	.Force cup (e.g., a plunger)
240	.Hinges	255.12	..With one way valve
241	.Counterbalanced or spring biased	256.1	DEBRIS CATCHER FOR A FLUSH CLOSET OR CLEAN OUT PLUG
242.1	LID	258	SPITTOONS
243.1	MECHANISM POSITIONS COVER ON SEAT	259	.Pocket
243.2	.Tubular type cover	260	.Bar
243.3	.Single continuous roll of flat covers	261	.Disinfecting
244.1	COVER DISPENSER	262	.Flushing
244.2	.Continuous roll	263	..Dental
244.3	.Pad mounted on seat	264	...Rotary member
245.1	COVER FOR SEAT	265	..Hand pump
245.2	.Tubular type	266	..Flush valve and outlet valve
245.3	.Securing means	267	.Covered
245.4	..Adhesive	268	..Floor orifice
245.5	..Peripheral	269	...Valved outlet
245.6	.Specific material	270	...Receptacle
245.7	..Plastic or rubber		
245.8	..Paper		
245.9	...Having dependent member in closet bowl		

271	..Hand operated	DIG 10	WATER ADDITIVE OR SUBSTITUTE
272	..Pedal operated	DIG 11	OIL TOILET
273	...Two-part cover	DIG 12	AEROBIC (DECOMPOSING) TOILET
274	..Flexible material and holder	DIG 13	TOILET HAVING DEFORMABLE TRAP
275	.Floor orifice	DIG 14	PIPE STRAINERS
276	..Valved outlet	DIG 15	PRISON BATHROOMS
277	..Receptacle	DIG 16	DEFORMABLE TOILET TRAPS
278	.Agitator	DIG 17	ELECTROLYTIC TOILETS
279	.Reversible	DIG 18	BATHROOM FIXTURE LINERS
280	.Floor controlled valve	DIG 19	LIQUID-SOLID SEPARATORS
281	.Gravity controlled valve		
282	.Positively operated inlet valve		
283	.Trapped liquid		
284	.Gravity receptacle		
285	.Flexible material and holder		
286	STRAINER, STOPPER, PLUG OR CLOSURE		
287	.Combined strainer, plug, or valve		
288	.Combined strainer and pipe coupling		
289	.Strainers in series		
290	.Strainer, receptacle		
291	..Depending		
292	.Strainer		
293	.Closure		
294	..Disinfecting		
295	.Plugs		

CROSS-REFERENCE ART COLLECTIONS

900	DECONTAMINATION SHOWER
901	BOWL SKIRT OR TANK COVER
902	TOILET TRAINING
903	SHOWER HEAD WITH MATERIAL DISPENSING
904	SWIM-IN-PLACE POOL
905	SQUAT BOWL

DIGESTS

DIG 1	PLURAL CONNECTED FLOATS
DIG 2	DISAPPEARING BOWL
DIG 3	ELECTRIC FLUSHING
DIG 4	GARBAGE GRINDER
DIG 5	URINE GUARDS
DIG 6	HEATED SEATS
DIG 7	HOUSE PLUMBING FITTINGS
DIG 8	RUBBER SEATS
DIG 9	METHODS

